Disaster Alert System - Requirements Engineer Report

Project Name: Disaster Alert System
Team Role: Requirements Engineer
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1. Introduction

As the Requirements Engineer for the Disaster Management System, I have contributed by defining and documenting system requirements and ensuring clarity in project scope. This document serves as proof of my work.

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2. Requirement Specification Document

2.1 Project Overview

The Disaster Management System is designed to send email alerts to users based on their location when a disaster occurs. The system takes input for the affected location and notifies registered users via email.

2.2 Functional Requirements

- Users should be able to register their email and location.

- The system should allow sending alerts to users in specific locations.

- Email notifications should include disaster details.

- The system should validate location inputs before sending alerts.

2.3 Non-Functional Requirements

- The system should ensure secure email transmission.

- It should process alerts in real-time with minimal delays.

- The email service should be reliable with error handling.

2.4 Use Case

Actors: System Administrator, Registered Users
Scenario: When a disaster is reported, the system sends alerts to users in the affected location.

3. Conclusion

This document summarizes my contributions as the Requirements Engineer for the Disaster Alert System. My role focused on requirement specification and documentation to ensure a well-defined and functional system.

Lohit Vardhan
Requirements Engineer